APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/987,569	11/15/2001	Shuntaro Aratani	03560.002934.	7348

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EXAMINER
YENKE, BRIAN P

ART UNIT	PAPER NUMBER
2622	

MAIL DATE	DELIVERY MODE
02/01/2010	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)
Supplemental **Notice of Allowability**	09/987,569	ARATANI ET AL.
	Examiner	Art Unit	
	BRIAN P. YENKE	2622	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *Applicant's Telecommunication (28 Jan 10)*.

2. ☒ The allowed claim(s) is/are *48-50, 53-55 and 57 (Renumbered 1-7 respectively)*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some* c) ☐ None of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

<div align="center">**EXAMINER'S AMENDMENT**</div>

1.   An examiner's amendment to the record appears below. Should the changes and/or additions be

unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure

consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

      Authorization for this examiner's amendment was given in a telephone interview with Daniel

Glueck on 28 Jan 10.

      The following amendments have been made, the period (.) changed to a comma (,).

      48. A television signal receiving apparatus (a) connected to a printer in a manner to
allow the apparatus to communicate with the printer and (b) capable of sending to the
printer data obtained from contents data, the contents data having been sent multiplexed in
broadcast by a broadcasting apparatus and received by said television signal receiving
apparatus, said television signal receiving apparatus comprising:

extracting means for extracting document data which is described in a markup
language and included in the contents data, the document data including (a) a script for
acquiring status information of the printer and (b) a plurality of status display information;

generating means for generating display image data which can be displayed on a
display unit, using the document data extracted by said extracting means; and

executing means for executing a process for acquiring the status information of the
printer as well as a process for, in accordance with the acquired status information,
identifying status display information indicating a status of the printer from the plurality of
status display information included in the document data, said executing means comprising
means for executing the script,

wherein said generating means reflects, in the display image data, the status display
information identified by said executing means[.]**,**

 wherein said executing means has a timer for executing the script at a predetermined period.

      50. A television signal receiving apparatus (a) connected to a printer in a manner to
allow the apparatus to communicate with the printer and (b) capable of sending to the
printer data obtained from contents data, the contents data having been sent multiplexed in
broadcast by a broadcasting apparatus and received by said television signal receiving
apparatus, said television signal receiving apparatus comprising:

extracting means for extracting document data which is described in a markup
language and included in the contents data, the document data including (a) a script for
acquiring status information of the printer and (b) a plurality of status display information;

generating means for generating display image data which can be displayed on a
display unit, using the document data extracted by said extracting means; and

executing means for executing a process for acquiring the status information of the printer as well as a process for, in accordance with the acquired status information, identifying status display information indicating a status of the printer from the plurality of status display information included in the document data, said executing means comprising means for executing the script,

wherein said generating means reflects, in the display image data, the status display information identified by said executing means[.],

wherein said executing means includes a
command to switch the power of the printer on after the status information of the printer is acquired.

        53. A television signal receiving method for use with a printer, said method comprising the steps of:

extracting document data which is described in a markup language and included in contents data, the contents data having been sent multiplexed in broadcast by a broadcasting apparatus, the document data including (a) a script for acquiring status information of the printer and (b) a plurality of status display information;

generating display image data which can be displayed on a display unit, using the document data extracted by said extracting step; and

executing a process for acquiring the status information of the printer as well as a process for, in accordance with the acquired status information, identifying status display information indicating a status of the printer from the plurality of status display information included in the document data, said executing step comprising a step of executing the script,

wherein said generating step reflects, in the display image data, the status display information identified by said executing step[.],

wherein said executing step uses a timer for executing the script at a predetermined period.

        55. A television signal receiving method for use with a printer, said method comprising the steps of:

extracting document data which is described in a markup language and included in contents data, the contents data having been sent multiplexed in broadcast by a broadcasting apparatus, the document data including (a) a script for acquiring status information of the printer and (b) a plurality of status display information;

generating display image data which can be displayed on a display unit, using the document data extracted by said extracting step; and

executing a process for acquiring the status information of the printer as well as a process for, in accordance with the acquired status information, identifying status display information indicating a status of the printer from the plurality of status display information included in the document data, said executing step comprising a step of executing the script,

wherein said generating step reflects, in the display image data, the status display information identified by said executing step[.]*,*

wherein said executing step includes a command
to switch the power of the printer on after the status information of the printer is acquired.

57. A television signal receiving apparatus (a) connected to a printer in a manner to allow the apparatus to communicate with the printer and (b) capable of sending to the printer data obtained from contents data, the contents data having been sent multiplexed in broadcast by a broadcasting apparatus and received by said television signal receiving apparatus, said television signal receiving apparatus comprising:

extracting means for extracting document data which is described in a markup language and included in the contents data, the document data including (a) a script for acquiring status information of the printer and (b) a plurality of status display information;

generating means for generating display image data which can be displayed on a display unit, using the document data extracted by said extracting means; and

executing means for executing a process for acquiring the status information of the printer as well as a process for, in accordance with the acquired status information, identifying status display information indicating a status of the printer from the plurality of status display information included in the document data, said executing means comprising means for executing the script,

wherein said generating means reflects, in the display image data, the status display information identified by said executing means[.]*,*

wherein the document data further comprises print button text, and

wherein said generating means further reflects in the display image data a print button image in accordance with the print button text.

Conclusion

2.   Any inquiry concerning this communication or earlier communications from the examiner should

be directed to Brian Yenke whose telephone number is (571)272-7359.   The examiner work schedule is

Monday-Thursday, 0730-1830 hrs.

        If attempts to reach the examiner by telephone are unsuccessful, the examiner's Supervisor,

David L. Ometz, can be reached at (571)272-7593.

        Any response to this action should be mailed to:

                        Commissioner of Patents and Trademarks

                        Washington, D.C. 20231

        or faxed to:

                (571)-273-8300

Any inquiry of a general nature or relating to the status of this application or proceeding should be

directed to the Technology Center 2600 Customer Service Office whose telephone number is

(703)305-HELP.

General information about patents, trademarks, products and services offered by the United States

Patent and Trademark Office (USPTO), and other related information is available by contacting the

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800-PTO-9199 or 703-308-HELP

(FAX) 703-305-7786

(TDD) 703-305-7785

An automated message system is available 7 days a week, 24 hours a day providing informational

responses to frequently asked questions and the ability to order certain documents. Customer service

representatives are available to answer questions, send materials or connect customers with other

offices of the USPTO from 8:30 a.m. - 8:00p.m. EST/EDT, Monday-Friday excluding federal holidays.

For other technical patent information needs, the Patent Assistance Center can be reached through customer service representatives at the above numbers, Monday through Friday (except federal holidays) from 8:30 a.m. to 5:00 p.m. EST/EDT.

The Patent Electronic Business Center (EBC) allows USPTO customers to retrieve data, check the status of pending actions, and submit information and applications. The tools currently available in the Patent EBC are Patent Application Information Retrieval (PAIR) and the Electronic Filing System (EFS).

PAIR (http://pair.uspto.gov) provides customers direct secure access to their own patent application status information, as well as to general patent information publicly available. EFS allows customers to electronically file patent application documents securely via the Internet. EFS is a system for submitting new utility patent applications and pre-grant publication submissions in electronic publication-ready form. EFS includes software to help customers prepare submissions in extensible Markup Language (XML) format and to assemble the various parts of the application as an electronic submission package. EFS also allows the submission of Computer Readable Format (CRF) sequence listings for pending biotechnology patent applications, which were filed in paper form.

/BRIAN P. YENKE/
Primary Examiner, Art Unit 2622

B.P.Y
28 Jan 10